

11
IRTHLINGBOROUGH
URBAN DISTRICT



ANNUAL REPORT

of the

Medical Officer of Health

for the

Year 1971



F. R. N. LYNCH, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.

Together with the Report of

H. A. LETT, M.R.S.H., M.A.P.H.I.



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Irthlingborough Urban District Council.

Chairman of the Council:

COUNCILLOR E. B. BAILEY

Members of the Public Health Committee:

COUNCILLOR P. P. HOUGHTON (Chairman)

COUNCILLOR C. E. GRIMMER, B.E.M., J.P., C.C. (Vice-Chairman)

Councillors:

R. B. BLAND

MRS. P. M. MITFORD-BARBERTON, M.A.

B. BRIGHTWELL

H. K. WOOLSEY

Clerk of the Council:

O. C. PALMER

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY:

Medical Officer of Health:

F. R. N. LYNCH, M.B., B.ch., B.A.O., M.F.C.M., D.P.H.

(Medical Officer of Health Northamptonshire Health Division No. 2)

Secretary:

MISS M. W. LANGLEY

Surveyor and Public Health Inspector:

H. A. LETT, M.R.S.H., M.A.P.H.I.

Certified Meat and Food Inspector

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Telephone: Kettering 2473

Area Health Office,
75 London Road,
KETTERING.
August, 1972.

**To the Chairman and Members of the
Urban District Council of Irthlingborough.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report on the Environmental Health of the Urban District of Irthlingborough.

The statistics relating to the Urban District for the year 1971 are given on page 6 and are satisfactory.

Little serious Infectious Illness occurred during the year. The communicable disease that did occur is detailed on page 22.

One new case of Tuberculosis was notified.

1971 was a " Measles Year " and seventy-one cases were recorded. Vaccination against Measles was introduced in 1968. Prior to that time, when a Measles outbreak occurred, it was customary to record more than twice this number of cases of the disease. Seventy-one is the highest number of cases of Measles notified since 1968.

I was asked to consider application of Section 47 of the National Assistance Acts, 1948 and 1951 in two cases during the year. This confers powers for compulsory removal to hospital of patients in need of care and attention. After investigation it was found possible to resolve these cases without applying the Section.

In the Autumn I suggested that members of the staff should be offered vaccination against Influenza and the Council readily agreed. Those who availed of the offer were vaccinated in December.

My thanks are due to the Chairman and Members of the Council for their co-operation during the year and to Mr. Lett and Miss Langley for their assistance in the preparation of this Report.

I have the honour to be,

Your obedient Servant,

F. R. N. LYNCH,

Medical Officer of Health.

ACKNOWLEDGMENTS

The Medical Officer of Health desires to express his thanks to the following for supplying material used in the compilation of this Report:

Dr. W. J. McQuillan,
Northamptonshire County Medical Officer of Health.

Dr. J. V. L. Farquhar,
Medical Officer of Health, Kettering M.B.

Kettering and District Hospital Management Committee.

Clerk of the Council.

Surveyor and Public Health Inspector.

Manager, Department of Employment, Rushden.

Irthlingborough Old People's Welfare Committee.

Irthlingborough Care Committee.

Women's Royal Voluntary Service.

SECTION A.

SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1967 to 1971

	1967	1968	1969	1970	1971
Area of the Urban District (acres) ...	2,910	2,910	2,910	2,910	2,910
Population					
(Registrar General's Estimate) ...	5,290	5,310	5,240	5,230	5,190
Number of Live Births ...	120	107	82	85	86
Legitimate ...	113	100	74	76	80
Illegitimate ...	7	7	8	9	6
Birth rate per 1,000 population ...	22.7	20.2	15.6	16.3	16.6
Number of Stillbirths ...	1	—	—	—	—
Legitimate ...	—	—	—	—	—
Illegitimate ...	1	—	—	—	—
Stillbirth rate per 1,000 total births ...	8.3	—	—	—	—
Stillbirth rate per 1,000 population ...	0.2	—	—	—	—
Number of Deaths ...	70	63	53	66	55
Death rate per 1,000 population ...	13.2	11.9	10.1	12.6	10.6
Deaths from Pregnancy, Childbirth, and Abortion ...	—	—	—	—	—
Number of Infant Deaths ...	1	2	—	1	2
Infant Mortality rate per 1,000					
Live Births ...	8.3	18.7	—	11.7	23.2
Neonatal Mortality rate per 1,000					
Live Births ...	—	9.4	—	—	23.2
Early Neonatal Mortality Rate per 1,000 Live Births ...	—	9.4	—	—	23.2
Perinatal Mortality rate (Stillbirths and deaths under one week combined per 1,000 total Live and Stillbirths) ...	8.3	9.4	—	—	23.2
Deaths from all forms of Tuberculosis including late effects ...	1	—	1	—	—
Deaths from Respiratory Tuberculosis ...	1	—	—	—	—
Deaths from Malignant Neoplasms ...	13	12	13	6	11
Deaths from Measles (all ages) ...	—	—	—	—	—
Deaths from Whooping Cough (all ages) ...	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age ...	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis ...	—	—	—	—	—
Natural increase in population, i.e., increase of Births over Deaths ...	50	44	29	19	31

Statistics and Social Conditions of the Area

Area (acres)	...	...	...	...	...	...	...	2,910
Census Population 1951	...	...	...	...	...	...	...	5,015
1961	...	...	...	...	...	...	...	5,125
1971	...	...	...	...	...	...	...	5,145
Population (Registrar General's Mid-year Estimate 1971)	...	...	...	...	...	...	...	5,190
Number of Inhabited Houses 1931	...	...	...	...	...	...	...	1,208
1961	...	...	...	...	...	...	...	1,840
1971	...	...	...	...	...	...	...	1,920
Rateable Value	...	...	...	...	...	...	...	£210,551
Product of Penny Rate	...	...	...	...	...	...	...	£2,030

The chief occupations of the inhabitants are as follows: Boot and shoe manufacture, tanning, packing and processing dried fruits, sugar and other foodstuffs, and the manufacture of tubular steel furniture.

The density of the population is 1.7 persons per acre and the Housing Factor 2.7 persons. The rate of unemployment in the area was 1.0% of the working population compared with the national percentage of 4.3.

EXTRACTS FROM VITAL STATISTICS, 1971

						Males	Females	Total	
Live Births									
Legitimate	...	...	...	...	...	47	33	80	
Illegitimate	...	...	...	...	...	1	5	6	
<i>Totals</i>						48	38	86	
Crude Birth Rate per 1,000 estimated population									16.6
Adjusted Birth Rate (comparability factor 1.03)									17.1
Stillbirths									
Legitimate	...	...	...	...	...	—	—	—
Illegitimate	...	...	...	...	...	—	—	—
<i>Totals</i>						—	—	—	
Rate per 1,000 total births (live and still)						...		—	
Deaths									
Number registered all causes						...	31	24	55
Crude death rate per 1,000 estimated population									10.6
Adjusted Death Rate (comparability factor 1.06)									11.2
Deaths from certain specified causes									
Cardio-vascular Disease (all forms)						...	12	14	26
Malignant Neoplasms (all forms)						...	7	4	11
Cerebrovascular Accident						...	4	6	10
Diseases of Respiratory System						...	4	—	4
Deaths from Maternal causes						...	...	—	—
Maternal Mortality Rate per 1,000 live and stillbirths									—
Deaths of Infants (under 1 year)						...	2	—	2
Infant Mortality Rate per 1,000 live births									23.2
Legitimate infants per 1,000 legitimate live births						...	...	...	25.0
Illegitimate infants per 1,000 illegitimate live births						...	...	...
Deaths of Infants (under 4 weeks)						...	2	—	2
Neonatal Mortality Rate per 1,000 live births									23.2
Perinatal Mortality Rate per 1,000 live and stillbirths (stillbirths and deaths of infants under 1 week combined)									23.2

CLASSIFICATION OF CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE, 1971

List No.	Cause of Death	Sex	Total	Un- der	4 weeks and under	1—	5—	15—	Age, in years					65	and over
			All Ages	4 weeks	1 yr				25	35—	45				
B19(1)	Malignant neoplasm— intestine	M	1	—	—	—	—	—	—	—	1	—	—	—	1
		F	1	—	—	—	—	—	—	—	—	—	—	—	—
B19(6)	Malignant neoplasm— lung, bronchus	M	3	—	—	—	—	—	—	—	1	2	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
B19(8)	Malignant neoplasm— uterus	F	1	—	—	—	—	—	—	—	1	—	—	—	—
B19(9)	Malignant neoplasm— prostate	M	1	—	—	—	—	—	—	—	1	—	—	—	—
B19(11)	Other malignant neoplasms	M	2	—	—	—	—	—	—	—	2	—	—	—	—
		F	2	—	—	—	—	—	—	—	—	—	—	—	2
B26	Chronic rheumatic heart disease	M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	1	—	—	—	—	—	—	—	1	—	—	—	—
B27	Hypertensive disease	M	3	—	—	—	—	—	—	—	—	—	—	—	3
		F	1	—	—	—	—	—	—	—	—	—	—	—	1
B28	Ischaemic heart disease	M	6	—	—	—	—	—	—	—	—	1	5	—	—
		F	6	—	—	—	—	—	—	—	1	1	4	—	—
B29	Other forms of heart disease	M	3	—	—	—	—	—	—	—	—	—	3	—	—
		F	1	—	—	—	—	—	—	—	1	—	3	—	—
B30	Cerebrovascular disease	M	4	—	—	—	—	—	—	—	—	3	1	—	—
		F	6	—	—	—	—	—	—	—	1	2	3	—	—
B46(6)	Other diseases of circulatory system	M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	2	—	—	—	—	—	—	—	—	—	—	—	2
B33(1)	Bronchitis and emphysema	M	1	—	—	—	—	—	—	—	1	2	1	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
B43	Birth injury, difficult labour, etc.	M	2	2	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
BE48	All other accidents	M	2	—	—	—	—	—	—	—	1	1	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	ALL CAUSES	M	31	2	—	—	—	—	—	—	1	6	9	13	—
		F	21	—	—	—	—	—	—	—	1	1	3	16	—

COMMENTS ON VITAL STATISTICS

1. Population—The Registrar General's mid-year estimate of population i.e., 30th June, 1971, is 5,190. The corresponding figure for 1970 was 5,230 giving a decrease in population of 40 in the 12 months.

2. Births—There were 86 live births in 1971, which is an increase of 1 in the number registered for the previous year. This gives a Crude Birth Rate of 16.6 per 1,000 population. The corresponding figure for 1970 was 16.3.

It will be apparent that the Birth Rate and Death Rate in any place is influenced by the age and sex distribution of the population so that in order that more exact comparisons can be made between one area and another the actual Rate is multiplied by a number called the Comparability Factor, the result being known as the Adjusted, or Corrected Rate. These Comparability Factors are supplied by the Registrar General and are based on the age and sex distribution as shown by the Census. For Irthlingborough the Birth Rate Comparability Factor is 1.03 and the Corrected Birth Rate standardised on the basis of age and sex composition therefore gives an Adjusted Rate of 17.1. The Adjusted Birth Rate of 17.1 compares with 16.8 for 1970 and the Provisional Crude Rate for England and Wales of 16.0.

3. Deaths There were 55 deaths from all causes in 1971. The figure for last year was 66 and the corresponding Crude Death rates are 10.6 and 12.6. In the same way as described in the case of 2. Births, above, the Death Rate is standardised by the use of a further Comparability Factor. Its value for Irthlingborough is 1.06 and the Adjusted Death Rate corrected by means of this calculation is found to be 11.2. The provisional Crude Rate for England and Wales as a whole is reckoned by the Registrar General to be 11.6.

4. Disposal of the Dead - Of the 55 deaths during the year, 31 bodies were disposed of by cremation at Kettering Crematorium, giving a percentage of 56.3.

5. Infant Mortality — There were two infant deaths registered in 1971 and the Infant Mortality Rate was 23.2 per 1,000 live births. Both of these were Neonatal Deaths, i.e. occurring in the first month of life, and the Neonatal Mortality Rate was 23.2 per 1,000 live births. The corresponding rates for England and Wales are 18.0 and 12.0. The causes of death were as follows:

<i>Age</i>	<i>Sex</i>	<i>Cause of Death</i>
5 minutes	M	Perinatal Asphyxia Breech delivery
4 days	M	Haemorrhagic Disease of new born. Respiratory Distress Syndrome

6. Stillbirths — For the fourth year running, there were no Stillbirths. The current rate for England and Wales is 12.0.

7. Maternal Mortality — There were again no deaths classed to pregnancy or childbirth.

VITAL STATISTICS FOR 1971 AND PREVIOUS YEARS.

Year	Estimated Population	Births		Deaths			
				Under 1 year		All Ages	
		No.	Rate	No.	Rate	No.	Rate
1891	2,998	—	—	—	—	—	—
1901	4,310	—	—	—	—	—	—
1902	1,526	158	31.9	21	132.9	60	13.2
1910	1,800	120	25.0	6	50.0	49	10.2
1911	4,630	121	26.7	17	137.0	56	12.0
1912	4,650	89	19.1	16	112.3	55	11.8
1913	4,675	108	23.1	5	46.2	39	8.3
1914	4,725	92	19.1	8	86.9	52	11.0
1915	4,790	95	20.1	15	157.8	60	12.5
1916	4,665	98	19.3	3	30.6	42	8.7
1917	4,145	56	11.2	6	107.1	50	11.2
1918	4,667	65	12.1	9	138.1	61	13.0
1919	5,011	73	13.9	6	82.1	50	9.9
1920	5,211	109	20.9	4	36.6	49	7.8
1921	4,911	90	18.3	6	66.6	47	9.5
1922	4,970	88	17.7	4	45.1	44	8.8
1923	4,956	69	13.9	6	86.9	50	10.0
1924	5,001	75	14.9	2	26.6	16	9.1
1925	4,946	77	15.5	5	61.9	57	11.5
1926	4,983	68	13.6	3	11.1	42	8.1
1927	4,934	79	16.0	3	37.8	57	11.5
1928	4,906	77	15.6	4	51.9	49	9.9
1929	4,931	71	14.9	4	51.0	55	11.1
1930	4,839	57	11.7	3	52.5	68	14.5
1931	4,715	64	13.5	4	62.8	50	10.6
1932	4,696	52	11.0	2	38.1	48	10.2
1933	4,679	63	13.4	1	15.8	61	13.0
1934	4,610	52	11.2	1	76.9	57	12.2
1935	4,517	55	12.0	3	56.3	46	10.1
1936	4,485	56	12.1	5	89.4	49	10.9
1937	4,484	67	14.9	2	29.8	51	12.0
1938	4,500	58	12.8	3	51.7	55	12.2
1939	‡ 4,512						
	† 4,663	70	15.1	3	42.8	49	10.5
1940	5,027	57	11.3	4	70.2	55	10.9
1941	5,237	69	13.2	6	86.9	61	11.6
1942	4,719	90	18.9	2	22.2	55	11.5
1943	1,535	86	14.8	2	23.2	60	13.2
1944	4,568	72	15.8	2	27.8	62	13.6
1945	4,427	74	16.7	1	51.1	59	13.3
1946	4,700	79	16.8	2	25.3	51	10.9
1947	4,812	85	17.6	2	23.5	59	12.3
1948	4,697	102	21.7	Nil.	—	55	11.7
1949	4,967	83	16.7	4	48.2	75	15.1
1950	4,969	83	16.7	1	12.0	17	9.6
1951	5,039	81	16.1	2	21.7	62	12.3
1952	1,996	71	14.8	Nil.	—	58	11.6
1953	5,090	79	15.5	1	12.6	47	9.2
1954	5,410	73	14.3	1	13.7	48	9.1
1955	5,100	76	14.9	Nil.	—	53	10.1
1956	5,100	67	13.1	3	11.8	71	13.9
1957	5,080	60	11.8	2	33.3	55	10.8
1958	5,140	73	14.2	2	27.1	48	9.3
1959	5,160	65	12.6	1	15.1	57	11.0
1960	5,210	65	12.5	1	61.5	61	11.7
1961	5,170	66	12.8	1	15.2	61	11.8
1962	5,210	75	11.1	1	13.3	62	11.9
1963	5,200	91	17.5	1	10.9	51	10.3
1964	5,160	85	16.5	—	—	41	7.9
1965	5,180	76	11.7	—	—	49	9.5
1966	5,230	103	19.7	1	9.7	63	12.1
1967	5,290	120	22.7	1	8.0	70	13.2
1968	5,310	107	20.2	2	18.7	63	11.9
1969	5,240	82	15.6	—	—	53	10.1
1970	5,230	85	16.3	1	11.7	66	12.6
1971	5,190	86	16.6	2	23.2	55	10.6

‡ Population for calculation of Birth-rate.

† Population for calculation of Death-rate.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Urban District, for which the Council is directly responsible.

The present section relates to those health services which concern more the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for administration of some of these services under Part III of the National Health Service Act.

Liaison between the County Council services and District Council services is facilitated by the fact that your Medical Officer of Health is also a School Medical Officer and Assistant County Medical Officer.

Laboratory Facilities—The Public Health Laboratory, Northampton is available for the examination of specimens in connection with the diagnosis and control of infectious diseases. Eight faeces specimens were examined during the year.

Ambulance Service—This is one of the services for which the County Council is responsible, and the area is adequately covered.

Domiciliary Services—These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folk to remain in their own homes, so that they can retain their treasured independence.

Hospital Accommodation, Out-patient facilities and clinics

The Oxford Regional Hospital Board is responsible for the following services:

GENERAL HOSPITALS

Kettering and Northampton

KETTERING GENERAL HOSPITAL

General Medicine, General Surgery, Gynaecology, Orthopaedic Surgery, Ear, Nose and Throat, Ophthalmology, Paediatrics and Physical Medicine

ST. MARY'S HOSPITAL, KETTERING

Obstetrics, Special Care Babies, Geriatrics and Long Stay

ISEBROOK HOSPITAL, WELLINGBOROUGH

General Medicine, Maternity, Paediatrics, Geriatrics and Long Stay

WELLINGBOROUGH HOSPITAL

Gynaecology

RUSHDEN HOSPITAL

Dermatology, Chest Diseases, Mental Sub-normality (Children)

Out-patient facilities are available at the two General Hospitals and also at Isebrook Hospital, Wellingborough and Rushden Memorial Clinic.

Venereal Disease Clinics

Kettering General Hospital, Out-patient Department:

(Women) Tuesday 4.00 p.m.-5.30 p.m.

(Men) Tuesday 5.30 p.m.-7.00 p.m.

Northampton General Hospital, Old Out-patient Department:

(Women) Monday 5.15 p.m.-6.30 p.m.

Friday 2.15 p.m.-3.30 p.m.

(Men) Wednesday 2.00 p.m.-3.00 p.m.

Friday 5.00 p.m.-6.30 p.m.

NORTHAMPTONSHIRE COUNTY COUNCIL

Child Health Clinic, Methodist Schoolroom, Irthlingborough Every Monday 2.00 p.m.

Family Planning Clinic Health Clinic Rectory Road, Rushden on third Wednesday of each month at 5.30 p.m.

Relaxation Classes for Expectant Mothers Council Chamber, Council Offices, Irthlingborough Tuesday 2.30 p.m.

Immunisation and Vaccination—Immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis and vaccination against Smallpox are free services, available either from the family doctor or at the County Health Clinics. Certain age groups of children can also be given B.C.G. vaccination to protect against Tuberculosis. This is done through the School Health Service.

A vaccine for the protection of infants against Measles is available and, in accordance with the policy of the County Health Department, a campaign for the control of and, it is hoped, ultimate eradication of this disease, was commenced in the Autumn of 1968.

National Assistance Act, 1948 and National Assistance (Amendment) Act, 1951, Section 47—These Acts give Local Authorities powers to enable them to deal expeditiously with certain cases of persons in need of care and attention which they are unable to provide for themselves and are not receiving from other people.

I was asked to consider application of this Section of these Acts on two occasions during the year, both were elderly ladies.

The first was satisfactorily resolved without invoking the powers conferred by the Act. It was found, however, that psychiatric attention was required in the second case and this was accordingly arranged.

Meals on Wheels Service The "Meals on Wheels" Service is administered by the W.R.V.S. The meals are served twice weekly, approximately 36 meals each week. During 1971 a total of 1,493 meals were delivered.

Old People's Welfare Committee One hundred and twenty-five members of the Darby and Joan Club met each week and also spent an enjoyable holiday at Eastbourne.

The Welfare Section of the Committee made regular visits to the elderly housebound of the Town. A coach trip around the countryside, ending with a tea at Overstone, was arranged for elderly disabled people.

The Male Senior Citizens met every day in their own premises.

A rota was made in order to help selected elderly people every Sunday and holiday time.

Irthlingborough Care Committee—During the year the work of the Committee has included visits to patients in Rushden and other hospitals in the area. Gifts were usually taken, especially to patients in Rushden Hospital.

Patients on the Committee's List are also visited in their own homes. Milk and eggs are given daily to Tuberculous patients and when required a Goods Voucher is given. Other patients receive vouchers from time to time and all receive a parcel of groceries at Christmas.

The public financially supported the Committee in a very generous way.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply—Since the 1st April, 1965 the Urban District has received its water supply from the Mid-Northamptonshire Water Board and the chief sources of supply for this Board are from reservoirs situated at Pitsford assisted by Cransley, Thorpe Malsor, Ravensthorpe and Hollowell. Pitsford is situated about 12 miles west of Irthlingborough in a valley on a tributary of the Brampton branch of the River Nene. The gathering grounds cover about nineteen square miles and are mostly agricultural land with a certain amount of ironstone quarrying. When full this reservoir will hold about 4,000 million gallons. Pitsford is now supplemented by Grafham Water reservoir. Treatment consists of the raw water flowing to a pumping station below the dam from where it is pumped to the treatment works. These works consist of a chemical block, reaction tanks, filters, filtered water tank and pumping station. The water is first softened and then passed through open rapid gravity filters and then to the filtered water tank for sterilisation by chlorine. Water thus treated is pumped to three trunk mains for distribution.

Fluoride content of the water—The water supply contains 0.3 parts of naturally occurring Fluorine per million parts of water.

Water Samples—75 samples were taken during the period to the 31st March, 1972, and the results were as follows:

<i>No. of samples</i>	<i>Very satisfactory</i>	<i>Satis- factory</i>	<i>Suspicious</i>	<i>Unsatis- factory</i>
75	72	—	1*	2*

*Subsequent samples very satisfactory.

Piped Water Supply—All houses have a piped water supply with the exception of three houses in outlying districts.

Drainage, Sewerage and Sewage Disposal—Sewage Works—The total quantity of crude sewage dealt with at these works during the year was 99,932,000 gallons which gives a daily average of 274,538 gallons.

An analysis of final effluent from these works taken on the 27th May 1971, gave the following results:

Appearance of Liquids	...	...	...	...	Almost clear, light yellow brown
Appearance of Solids	...	...	...	...	Small flocculent Very light brown
Odour	...	...	...	...	Earthy
pH Value	...	...	...	...	7.4
Temperature	...	...	...	...
<i>Milligrams per litre</i>					
Total solids dried at 105 °C	...	...	...	...
Suspended solids dried at 105 °C	...	...	...	...	41
Suspended solids ashed at 600 °C	...	...	...	...	17
Chlorides as Chlorine	...	...	...	...	628
Alkalinity as Calcium Carbonate	...	...	...	...	190
Free and Saline Ammonia as Nitrogen	...	...	...	...	14.3
Albuminoid Ammonia as Nitrogen	...	...	...	...
Nitrites as Nitrogen	...	...	...	...	0.73
Nitrates as Nitrogen	...	...	...	...	13.0
Permanganate Value (4 hours)	...	...	...	...	22.0
Biochemical Oxygen Demand in 5 days at 20 °C	...	...	...	...	20.0
Chromium	...	...	...	...	0.53
Copper	...	...	...	...	0.05
Lead	...	...	...	...	-
Zinc	...	...	...	...	0.14
Ortho Phosphate as PO ₄	...	...	...	...	5.4

Remarks

Unsatisfactory as regards suspended solids and biochemical oxygen demand.

Total quantities of crude sewage treated at the sewage disposal works each year.

1950	...	...	...	63,753,000 gallons
1951	...	...	...	95,486,000 gallons
1952	...	...	...	85,316,000 gallons
1953	...	...	...	77,348,000 gallons
1954	...	...	...	84,648,000 gallons
1955	...	...	...	75,470,000 gallons
1956	...	...	...	84,320,000 gallons
1957	...	...	...	98,449,000 gallons
1958	...	...	...	109,723,000 gallons
1959	...	...	...	99,898,000 gallons
1960	...	...	...	115,727,000 gallons
1961	...	...	...	96,758,000 gallons
1962	...	...	...	109,883,000 gallons
1963	...	...	...	125,228,500 gallons
1964	...	...	...	132,456,000 gallons
1965	...	...	...	123,320,000 gallons
1966	...	...	...	141,680,000 gallons
1967	...	...	...	140,306,000 gallons
1968	...	...	...	126,177,000 gallons
1969	...	...	...	136,619,000 gallons
1970	...	...	...	117,191,000 gallons
1971	...	...	...	99,932,000 gallons

Public Cleansing—Refuse is collected weekly and controlled tipping is carried out at the Council's tip off Windmill Road. 797 loads were collected during the year.

Prevention of Damage by Pests Act, 1947—The following is a summary of work carried out during the year:

Sewage works	} continuous treatment
Refuse tip	

Surveys and inspections:

Private dwellings	...	...	...	...	} 236
Other premises	...	...	...	...
Agricultural premises	...	...	...	...	3

Properties treated:

Private dwellings	...	...	...	...	} 35
Other premises	...	...	...	...
Agricultural Premises	...	...	...	...	1

Caravan Sites and Control of Development Act, 1960—There are no licensed caravan sites in the area.

Factories Act, 1961—There are forty-six factories on the register and seven inspections were carried out. No notices were served. The number of outworkers on the August list was nineteen. No complaints were received concerning the carrying out of outwork (S. 133 and S. 134).

Prescribed particulars on the administration of the Factories Act, 1961 are to be found at the end of the Report.

Offices, Shops and Railway Premises Act, 1963—Forty-eight premises are registered with the Council under this Act.

SECTION D.

HOUSING.

The Council's housing programme for the year was as follows:

Number of Council houses built	...	...	nil
Number under construction at the end of the			
year	...	...	nil

Private Development:

Number of private houses built during the year			
Number under construction at the end of the			
year	...	...	47

At the end of the year there were 210 applicants for Council houses, which shows a decrease of 8 on the figure at the end of 1970. The number of Council houses in the district is 748. The number of Council houses, including East Midland Housing Accommodation, erected since 1945 is 488.

Clearance of Unfit Properties One property was demolished during the year. Ten properties were closed following undertakings to demolish.

Improvement Grants During the year under review 20 applications for Improvement Grants were received. These grants comprised 16 Standard Grants and 4 Discretionary Grants and all were approved.

Since Improvement Grants were commenced the number of applications received total 290 of which number 289 were approved, but eight were withdrawn or not proceeded with.

Work has been carried out and grants paid in respect of 269 dwellings. The total amount of money paid to 31.12.71 was £34,251.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Milk —There is no large dairy or pasteurising plant in the district.

Milk Samples—12 milk samples were taken with the following results:
Methylene Blue Test, passed 12
Phosphatase Test, passed 12

The general public should assist the milk trade by ensuring that all milk bottles are returned in a clean condition and these bottles should not be used for any other purpose.

The following licences were issued during the year:

Milk (Special Designations) (Pasteurised and Steri- lised Milk) Regulations, 1949, dealers' licences	5
Milk (Special Designations) (Raw Milk) Regulations 1949, licences	1
Supplementary dealers' licences	1

Slaughterhouses—There are no licensed slaughterhouses in the district but adjacent authorities with slaughterhouses carry out a 100 per cent inspection of all animals killed for human consumption.

Poultry Inspection—There are no poultry processing premises within the District.

Manufacture and Sale of Ice-cream—There are 24 premises registered for the sale of ice-cream. No samples were taken during the year.

Food Hygiene (General) Regulations, 1970—There are forty-four food premises in the area, made up as follows:

General Grocers	...	...	...	...	18
Butchers	...	...	...	...	7
Fish Shops	...	...	...	...	2
Bakeries	...	...	...	...	2
Greengrocers	...	...	...	...	4
Cafes	...	...	...	...	2
Licensed Premises	...	...	...	...	9

No. of premises fitted to comply with Regulation 18 (provision of wash-hand basins)	44
No. of premises to which Regulation 21 applies (provision of washing facilities for food and equipment)	31
No. of premises fitted to comply with Regulation 21	28

Forty nine visits were made during the year.

SECTION F.

THE PUBLIC HEALTH (INFECTIOUS DISEASES) REGULATIONS, 1968

The infectious diseases to be notified to the Medical Officer of Health are:

Acute Encephalitis	Measles
Acute Meningitis	Ophthalmia Neonatorum
Acute Poliomyelitis	Paratyphoid Fever
Anthrax	Plague
Cholera	Relapsing Fever
Diphtheria	Scarlet Fever
Dysentery (Amoebic or Bacillary)	Smallpox
Food Poisoning	Tetanus
Infective Jaundice	Tuberculosis
Leprosy	Typhoid Fever
Leptospirosis	Typhus
Malaria	Whooping Cough
	Yellow Fever

PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES

Seventy-eight cases of Infectious Disease were notified to me during the year.

Measles—Seventy-one cases were notified in 1971. All were nursed at home.

Diphtheria, Whooping Cough and Tetanus—Routine immunisation of infants under one year of age with Triple Antigen continued during the year.

Immunisation is carried out either by the Family Doctor or at the County Health Department's clinics.

Whooping Cough—Three cases were reported in May.

Poliomyelitis This is the fourth disease which is prevented by routine immunisation in infancy. This is again done either by the Family Doctor or at the Health Department's Clinics. No cases occurred.

Scarlet Fever Two cases were notified in May.

Gastro-Intestinal Diseases Two cases of Sonne Dysentery involving a mother and daughter, occurred in May.

No cases of Food Poisoning were reported.

Leprosy The Public Health (Leprosy) Regulations, 1966 came into force on 1st March, 1966.

Under these Regulations, cases of Leprosy are now notifiable to the District Medical Officer of Health and not as heretofore to the Chief Medical Officer of the Department of Health and Social Security. No notifications of Leprosy were received.

Smallpox There were no cases.

Tuberculosis—One case of Tuberculosis was notified in 1971. One name was removed from the Register being now healed. There were no deaths classed to Tuberculosis but one patient died from other causes. The following table shows the number of known cases of Tuberculosis in the District as at 31st December, 1971:

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Respiratory ...	16	8	24
Non-respiratory ...	2	2	4
			<hr/>
Totals	18	10	28
	<hr/>	<hr/>	<hr/>

Cholera in Spain Fourteen cases of Cholera occurred in the Provinces of Barcelona and Valencia in the first week in September.

It was necessary to keep two residents of this County District under surveillance for a short period on their return to this country from holiday in Spain.

NEW CASES OF AND DEATHS FROM TUBERCULOSIS, 1971

<i>Age Periods</i>	NEW CASES.				DEATHS.			
	<i>Respiratory.</i>		<i>Non-respiratory.</i>		<i>Respiratory.</i>		<i>Non-respiratory.</i>	
	<i>Male.</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>
— 1	—	—	—	—	—	—	—	—
1— 4	—	—	—	—	—	—	—	—
5—14	—	—	—	—	—	—	—	—
15—24	—	—	—	—	—	—	—	—
25—34	—	—	—	—	—	—	—	—
35—44	—	—	—	—	—	—	—	—
45—54	—	—	—	—	—	—	—	—
55—64	—	—	—	—	—	—	—	—
65+	1	—	—	—	—	—	—	—
TOTALS	1	—	—	—	—	—	—	—

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES
(Other than Tuberculosis) 1971

<i>Disease</i>	January	February	March	April	May	June	July	August	September	October	November	December	Total
Measles				1	30	39	1						71
Scarlet Fever	...				2		-						2
Whooping Cough					3								3
Dysentery	...				2	-	---						2
TOTALS	...			1	37	39	1	-					78

AGE INCIDENCE OF NOTIFIABLE DISEASES
(Other than Tuberculosis) 1971

<i>Disease</i>	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	All Ages Removed to Hospital Deaths Age Unknown
Measles	71
Scarlet Fever	2
Whooping Cough	3
Dysentery	2
TOTALS	78

Prescribed particulars on the administration of the Factories Act, 1961,
for the year, 1971

PART I OF THE ACT

1.—**Inspections** for purposes of provisions as to health (including inspections made by Public Health Inspectors)

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	1	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	12	6	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	—	—	—	—
TOTAL	16	7	—	—

2.—Cases in which **defects** were found

<i>Particulars</i>	<i>Number of cases in which defects were found</i>				<i>Number of cases in which pro- secutions were instituted</i>
	<i>Found</i>	<i>Remedied</i>	<i>Referred To H.M. Inspector</i>	<i>By H.M. Inspector</i>	
Sanitary Conveniences (S.7) :					
Want of cleanliness (S.I.)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—
TOTAL	—	—	—	—	—

PART VIII OF THE ACT

Outwork (Sections 133 and 134)

<i>Nature of Work</i>	<i>Section 133</i>			<i>Section 134</i>		
	<i>No. of out-workers in August list required by Sect. 110 (1) (c)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecu- tions for failure to supply lists</i>	<i>No. of instances of work in unwhole- some premises</i>	<i>Notices served</i>	<i>Prosecu- tions</i>
Wearing Apparel— Making, etc.	17	—	—	—	—	—
Cleaning and washing	—	—	—	—	—	—
Stuffed Toys	2	—	—	—	—	—
TOTAL	19	—	—	—	—	—

